

Ruetgers-Nease

Chemical Company, Inc. • A subsidiary of Rütgerswerke AG



CERTIFIED MAIL

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November 14, 1990

Ann E. DeLong
U.S. EPA Region III
841 Chestnut Building
Philadelphia, PA 19107

Jack Wagner
PaDER
200 Pine Street
Williamsport, PA 17701

Re: October 1990 Monthly Report
RI/FS
Ruetgers-Nease -- State College, PA Site

In accordance with Paragraph VIII E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study of the Ruetgers-Nease Chemical Company, Inc. in State College, PA, attached is a copy of the October, 1990 Progress Report.

Please contact me if you have any questions regarding this report.

Sincerely,

Steven W. Foard

Steven W. Foard
Manager Environmental Services

SWF:sym

cc: H. Greenberg - Ruetgers-Nease
B. Greene - Ruetgers-Nease
K. Reinert - SMC Env. Services

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RUETGERS-NEASE CHEMICAL COMPANY, INC.
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
STATE COLLEGE, PENNSYLVANIA SITE
OCTOBER, 1990 MONTHLY PROGRESS REPORT

I. Activities Completed During October, 1990

During this time period, various field activities were begun with a total of 19 field days in October. The investigation activities that were initiated and/or completed during the month of October are described in the attached project activity summary and the narrative below. Except where noted in the narrative, all activities were performed according to the approved RISOP.

- A. SMC completed mobilization to the site and set up a protocol for daily health and safety meetings.
- B. SMC reviewed and retrieved information from the Pennsylvania State University libraries concerning the site.
- C. Borehole geophysics was completed on seventeen (17) of the twenty-one (21) existing ground water wells. Inclusion of four (4) wells (MW-5, 6, 15 and 17) was considered either impractical or non-productive based upon the rationale described in a letter dated October 12, 1990 to USEPA and PaDER from Ruetgers-Nease proposing a change-in-scope.
- D. Soil gas survey was initiated.
- E. Interpretation of data from the surface geophysics (resistivity), borehole geophysics, and soil gas investigation was begun. These reviews will be completed in early November and transmitted to USEPA and PaDER as they are completed.

II. Variations From the Approved Remedial Investigation Site Operations Plan (RISOP)

- A. We did not include monitoring wells MW-5, 6, 15, and 17 in the borehole geophysical investigation based on the rationale outlined in a letter dated October 12, 1990 to USEPA and PaDER from Ruetgers-Nease proposing a change-in-scope.
- B. Based upon suggestions from PaDER, the scope of the soil gas survey was increased to include boring holes that exhibit detectable levels of organic vapors to 31 inches and measuring the organic vapor level at this additional depth with both the OVA and HNU.

III. Analytical Results From Sampling Activities

Invasive sampling did not occur during this time frame and therefore analytical results are not available. Results from the surface and borehole geophysical and soil gas investigations will be transmitted to USEPA and PaDER after they have undergone technical and quality assurance reviews.

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IV. Project Schedule

No deviations occurred from the project schedule as defined within the RISOP during the month of October except for the completion of the background review. Effort in this task has been reserved for days when field work is delayed due to weather or other problems. The attached project activity summary identified target and actual initiation and completion dates for October RI activities.

V. Difficulties Encountered and Actions Taken to Resolve Problems

Except for heavy precipitation, no difficulties were encountered during October 1990.

VI. Personnel Changes

Andrea B. Russiello was replaced by Christopher H. Branton as the site Health and Safety Officer.

VII. Scheduled Project Activities: October 1990

In November 1990, we anticipate completion of the soil gas survey during the first week of November, receipt of the seismic, resistivity, and soil gas data review (November). As these reviews are completed, the results will be forwarded to USEPA and PaDER through for the determination of soil sampling locations and selected ground water monitoring well locations (December).

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RUETGERS-NEASE CHEMICAL COMPANY
STATE COLLEGE RI/FS
PROJECT ACTIVITY SUMMARY
OCTOBER - NOVEMBER 1990

ACTIVITY	TARGET			ACTUAL		ON SCHEDULE (YES/NO)
	START	COMPLETE		START	COMPLETE	
Site Mobilization	Sept.	Sept.		Sept.	Oct.	Yes
Background Review	Sept.	Oct.		Sept.	Nov.	No
Hydrogeologic Investigation Field Geology	Oct.	Oct.		Oct.	Oct.	Yes
Fracture Trace	Sept.	Oct.		Oct.	Oct.	Yes
Surface Geophysics (Field Work) Resistivity Survey	Oct.	Oct.		Oct.	Oct.	Yes
Seismic Survey	Oct.	Oct.		Oct.	Oct.	Yes
Borehole Geophysics ¹ (Field Work)	Oct.	Oct.		Oct.	Oct.	Yes
Existing Well Evaluation	Oct.	Oct.		Oct.	Oct.	Yes
Soil Gas Survey (Field Work)	Oct.	Nov.		Oct.	Nov.	No
Data Evaluation ²	Nov.	Nov.		Oct.	Nov.	Yes

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Notes:

¹Existing Groundwater Monitoring Wells.

²Borehole and Surface Geophysics (Resistivity and Seismic Surveys) and Soil Gas Survey.

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